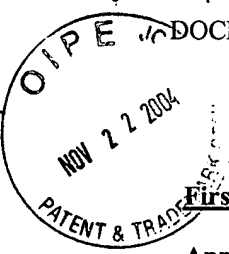


IFW



DOCKET #: SVL9-2003-0054US1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor: R.C. Van Der Linden, et al. **Assignee:** International Business Machines Corporation

Application No.: 10/648,752 **Customer No.:**

Confirmation No.: 3744 **Group Art Unit:** 2176

Filing Date: 08/25/03 **Examiner:** Unknown

Title Method and system for querying structured documents stored in their native format in a database

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)	
I hereby certify that the above paper/fee is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on: <u>November 16, 2004</u>	
Person mailing paper/fee: <u>Debi Fennern</u>	Signature: <u>[Signature]</u>

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-145

REVOCATION AND POWER OF ATTORNEY

I hereby revoke all previous powers of attorney or authorizations of agent given in the above-identified application and appoint practitioners at

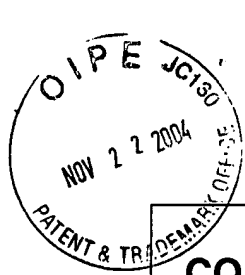
Customer Number : 49049

as our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected herewith.

Please change the correspondence address for the above-identified application to the above-mentioned Customer Number.

SIGNATURE of Assignee of Record of entire interest (*Statement under 37 CFR 3.73(b) is enclosed*)

Name	Ingrid M. Foerster	Registration Number: 36,511
Signature	<u>[Signature]</u>	
Date	<u>11/16/04</u>	
NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.		
Total of <u>3</u> forms are submitted		



CHANGE OF CORRESPONDENCE ADDRESS Application Address to: Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450	Application Number	10/648,752
	Confirmation No.	3744
	Filing Date	08/25/03
	First Named Inventor	Robbert C. Van Der Linden, et al.
	Art Unit	2176
	Title: Method and system for querying structured documents stored in their native format in a database	

Please change the Correspondence Address for the above-identified application to:

☒ Customer Number 49049 →

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This form cannot be used to change the data associated with a Customer Number. To change the data associated with an existing Customer Number use "Request for Customer Number Data Change" (PTO/SB/124).

I am the:

☐ Applicant/Inventor.

☐ Assignee of record of the entire interest.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

☒ Attorney or Agent of record.

☐ Registered practitioner named in the application transmittal letter in an application without an executed oath or declaration. See 37 CFR 1.33(a)(1). Registration Number _____

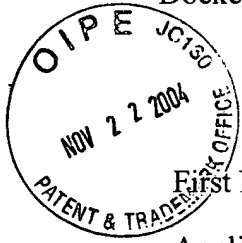
Typed or Printed
Name: Ingrid M. Foerster, Reg. No.: 36,511

Signature 

Date 11/11/04

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☐ *Total of _____ forms are submitted.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor: R.C. Van Der Linden,
et al. Assignee: **International Business
Machines Corporation**

Application No.: 10/648,752 Customer No.:

Confirmation No.: 3744 Group Art Unit: 2176

Filing Date: 08/25/03 Examiner: Unknown

Title **Method and system for querying structured documents stored in their native format
in a database**

CERTIFICATE UNDER 37 C.F.R. §3.73(b)

INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation organized and existing under the laws of the State of New York, having a place of business at New Orchard Road, Armonk, New York 10504, certifies that it is the assignee of the entire right, title, and interest in the patent application identified above by virtue of:

An assignment from the inventors, Robbert C. Van Der Linden, Brian S. Vickey, Tobias S. Mayr, to International Business Machines Corporation, of the patent application identified above. The assignment was recorded in the U.S. Patent and Trademark office on August 25, 2003, at Reel/Frame 014443/0420 **(copy attached)**.

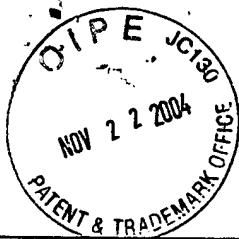
INTERNATIONAL BUSINESS MACHINES CORPORATION owns 100% interest in the above-identified patent application.

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, as the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Dated: 11/11/04 By: *I. Foerster*

Ingrid M. Foerster, Reg. No. 36,511
Senior Attorney, Intellectual Property Law
International Business Machines Corporation
555 Bailey Ave., J46/G4
San Jose, CA 95141-1003



MAR 30 2004

UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

MARCH 24, 2004

PTAS



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SAWYER LAW GROUP LLP
JOSEPH A. SAWYER JR.
P.O. BOX 51418
PALO ALTO, CA 94303

UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 08/25/2003

REEL/FRAME: 014443/0420
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

VAN DER LINDEN, ROBBERT C.

DOC DATE: 08/15/2003

ASSIGNOR:

MAYR, TOBIAS S.

DOC DATE: 08/21/2003

ASSIGNOR:

VICKERY, BRIAN S.

DOC DATE: 08/15/2003

ASSIGNEE:

IBM CORPORATION
NEW ORCHARD ROAD
ARMONK, NEW YORK 10504

SERIAL NUMBER: 10648752

FILING DATE: 08/25/2003

PATENT NUMBER:

ISSUE DATE:

014443/0420 PAGE 2

TONYA LEE, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

RECORDATION FORM COVER SHEET
PATENTS ONLY

09-04-2003

Attorney Docket: SVL920030054US1/2865P

US Department of Commerce
Patent & Trademark Office



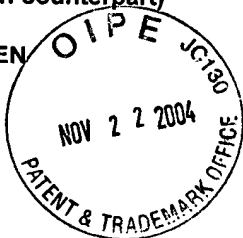
102540939

To the Assistant Commissioner of Patents:

Submitted original documents or copy thereof.

1. Name of conveying party(ies): (in counterpart)

(1) Robbert C. VAN DER LINDEN
(2) Tobias S. MAYR
(3) Brian S. VICKERY



Additional name(s) of conveying party(ies) attached ☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: IBM Corporation
Street Address: New Orchard Road
City: Armonk State: NY ZIP: 10504

Additional name(s) & address(es) attached? ☐ Yes ☒ No

21906 U.S. PTO
10/648752
082503

3. Nature of conveyance:

☒ Assignment

Execution Date: (1) August 15, 2003
(2) August 21 2003
(3) August 15 2003

4. Application number(s) or patent number(s):

If this document is being filed together with a new patent application, the execution date of the patent application is: August 15, 2003, August 21, 2003, and August 15, 2003.

A. Patent Application No.(s)

10/648752

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Joseph A. Sawyer Jr.
Internal
Address: Sawyer Law Group LLP
Street
Address: P.O. Box 51418
Palo Alto, California 94303

6. Total Number of applications and patents involved: One

7. Total fee (37 CFR 3.41) \$ 40.00

☐ Enclosed

☒ Authorized to be charged to deposit account

8. Deposit Account Number: 09-0460 (IBM Corporation)
(Attach copy of this page)

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

August 25, 2003

Date

Michele Liu, Reg. No. 44,875

Total number of pages including cover sheet, attachments, and documents: 3

09/04/2003 EC00PER 00000001 090460 10648752

01 FC:8021

40.00 DA

ASSIGNMENT

Whereas, I,

- | | | |
|-----|---------------------------|--|
| (1) | Robbert C. VAN DER LINDEN | City of Scotts Valley,
State of California. |
| (2) | Tobias S. MAYR | City of San Francisco,
State of California |
| (3) | Brian S. VICKERY | City of Los Gatos,
State of California. |

has invented certain improvements in

TITLE

METHOD AND SYSTEM FOR QUERYING STRUCTURED DOCUMENTS STORED IN THEIR NATIVE FORMAT IN A DATABASE

and executed a United States Patent Application therefor on the following date(s):

- | | | |
|-----|-------------|------|
| (1) | <u>8-15</u> | 2003 |
| (2) | _____ | 2003 |
| (3) | <u>8/15</u> | 2003 |

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

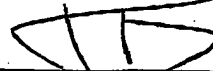

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Signed and sealed:

LOCATION

DATE

SIGNATURE

- | | | | |
|-----|-----------------|----------------|--|
| (1) | <u>San Jose</u> | <u>8-15-03</u> | 
Robbert C. VAN DER LINDEN |
| (2) | _____ | _____ | Tobias S. MAYR
_____ |
| (3) | <u>San Jose</u> | <u>8/15/03</u> | 
Brian S. VICKERY |

ASSIGNMENT

Whereas, I,

- | | | |
|-----|---------------------------|--|
| (1) | Robbert C. VAN der LINDEN | City of Scotts Valley,
State of California, |
| (2) | Stefan Tobias MAYR | City of San Francisco,
State of California |
| (3) | Brian S. VICKERY | City of Los Gatos,
State of California, |

has invented certain improvements in

**TITLE METHOD AND SYSTEM FOR QUERYING STRUCTURED DOCUMENTS STORED IN THEIR NATIVE FORMAT
IN A DATABASE**

and executed a United States Patent Application therefore on the following date(s):

- (1) _____, 2003
- (2) 8/21 _____, 2003
- (3) _____, 2003

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Signed and sealed:

	<u>LOCATION</u>	<u>DATE</u>	<u>SIGNATURE</u>
(1)	_____	_____	Robbert C. VAN DER LINDEN
(2)	<u>San Jose, CA</u>	<u>8/21/03</u>	<u>Stefan Tobias Mayr</u> Stefan Tobias MAYR
(3)	_____	_____	Brian S. VICKERY